

Appendix table 3-3

Occupation of employed S&E degree holders: 2008

(Percent distribution)

Degree and occupation group	One degree in field	Highest degree			
		In field ^a	Bachelor's in field	Master's in field	Doctorate in field
All S&E degree holders (n)	14,145,348	10,215,864	7,367,054	2,084,762	742,272
All occupations	100.0	100.0	100.0	100.0	100.0
S&E occupations	30.2	38.0	30.7	50.7	74.1
Same S&E occupation as S&E field of degree	23.6	29.6	23.2	40.2	62.3
Other S&E occupations	6.6	8.4	7.5	10.5	11.8
S&E-related occupations	17.7	12.6	13.0	12.3	9.5
Non-S&E occupations	52.1	49.4	56.3	37.0	31.5
Biological/agricultural/environmental life sciences degree holders (n)	2,609,002	1,569,122	1,144,092	219,189	205,842
All occupations	100.0	100.0	100.0	100.0	100.0
S&E occupations	22.6	30.4	20.8	45.7	67.8
Biological/agricultural/other life scientists	14.9	22.2	13.0	34.5	59.8
Other S&E occupations	7.7	8.2	7.8	11.2	8.0
S&E-related occupations	41.6	25.7	27.3	23.8	18.4
Non-S&E occupations	35.8	43.9	51.9	30.6	13.8
Computer and mathematical sciences degree holders (n)	2,022,533	1,650,952	1,160,819	429,757	60,375
All occupations	100.0	100.0	100.0	100.0	100.0
S&E occupations	52.2	56.2	51.7	64.5	83.8
Computer and mathematical scientists	47.5	52.8	48.9	60.0	77.1
Other S&E occupations	4.7	3.4	2.8	4.5	6.7
S&E-related occupations	16.6	15.2	16.2	14.2	4.1
Non-S&E occupations	31.2	28.6	32.1	21.3	12.1
Physical sciences degree holders (n)	1,052,631	664,568	395,016	129,178	140,374
All occupations	100.0	100.0	100.0	100.0	100.0
S&E occupations	45.5	54.3	43.9	60.0	78.2
Physical scientists	23.0	34.0	24.2	40.3	55.9
Other S&E occupations	22.5	20.3	19.7	19.7	22.3
S&E-related occupations	22.7	13.4	14.3	17.0	7.6
Non-S&E occupations	31.8	32.3	41.8	23.0	14.1
Social sciences degree holders (n)	5,973,379	3,878,314	2,958,034	705,562	195,962
All occupations	100.0	100.0	100.0	100.0	100.0
S&E occupations	11.3	13.9	7.5	23.4	70.4
Social scientists	6.8	9.1	2.7	18.8	65.0
Other S&E occupations	4.5	4.8	4.8	4.6	5.4
S&E-related occupations	10.0	7.8	7.7	9.2	4.3
Non-S&E occupations	78.7	78.3	84.8	67.5	25.3
Engineering degree holders (n)	3,093,077	2,452,908	1,709,084	604,076	139,718
All occupations	100.0	100.0	100.0	100.0	100.0
S&E occupations	59.4	64.2	60.0	72.6	80.1
Engineers	43.4	49.8	47.6	53.0	62.0
Other S&E occupations	16.0	14.4	12.4	19.6	18.1
S&E-related occupations	10.8	9.8	10.1	9.4	8.0
Non-S&E occupations	29.7	26.0	29.9	18.0	12.0

^aIncludes professional degrees not broken out separately.

NOTE: Detail may not add to total because of rounding.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT) (2008), <http://sestat.nsf.gov>.